

Converting Colors

CIELCh(48, 73.402, 135.715)

Have a look what the booklet for
CIELCh(48, 73.402, 135.715)
contains.

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Color

CIELCh(48, 73.540, 135.693)

Conversions

Conversions Part 1

Format	Color
Hex	078500
RGB	7, 133, 0
RGB Percent	3%, 52%, 0%
CMY	0.9737, 0.4788, 1.0000
CMYK	0.95, 0.00, 1.00, 0.48
HSL	117°, 100%, 26%
HSV	117°, 100%, 52%
XYZ	8.4591, 16.7945, 2.7920
YIQ	80.1640, -32.4030, -68.0750

Conversions

Conversions Part 2

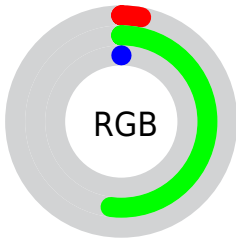
Format	Color
RYB	0, 133, 126
Decimal	492800
CIELab	48.00, -52.63, 51.37
CIELCh	48, 73.540, 135.693
Yxy	16.7945, 0.3016, 0.5988
Android (android.graphics.Color)	4278682880 (0xFF078500)
YUV	80.1640, -39.5209, -64.1648
Hunter-Lab	40.9810, -34.8719, 24.6473

Details

The CIELCh color **48, 73.540, 135.693** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **30, 71.422, 326.303**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **68, 73.337, 135.741**, and **29, 52.535, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **48, 73.519, 135.705**, and if you desaturate by 10%, it is **48, 70.679, 136.196**.

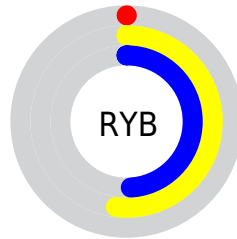
Distribution



Red (3%)

Green (52%)

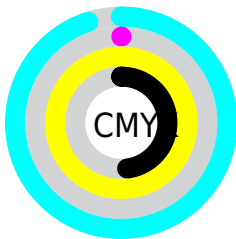
Blue (0%)



Red (0%)

Yellow (52%)

Blue (49%)

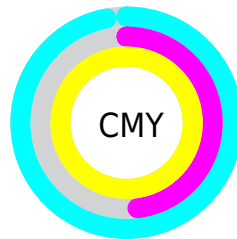


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (97%)

Magenta (48%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 73.540, 135.693 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 48, 73.540, 135.693 by changing the saturation by 10% instead.

 48, 73.540,
135.693


 48, 73.540,
135.693


 100, 73.540,
135.693


 38, 73.540,
135.693

 68, 73.540,
135.693


 28, 73.540,
135.693

 78, 73.540,
135.693

 18, 73.540,
135.693

 88, 73.540,
135.693

 8, 73.540, 135.693

 98, 73.540,
135.693

 0, 73.540, 135.693

 48, 73.540,

 48, 73.540,

135.693

135.693

■ 48, 73.519,
135.705

■ 48, 70.679,
136.196

■ 48, 66.479,
136.786

■ 49, 60.649,
137.615

■ 49, 53.533,
138.559

■ 50, 45.482,
139.513

■ 51, 36.801,
140.413

■ 52, 27.738,
141.227

■ 53, 18.489,
141.945

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48, 73.540, 135.693



30, 71.422, 326.303

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48, 73.540, 135.693



48, 73.540, 185.693



48, 73.540, 315.693



48, 73.540, 5.693

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48, 73.519, 135.705



66, 34.462, 141.174



51, 57.000, 98.551



34, 23.382, 140.892



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48, 73.519, 135.705



62, 89.424, 135.790



48, 57.772, 146.703



27, 5.177, 142.625



47, 72.362, 135.697



1, 1.235, 143.086

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30, 71.422, 326.303



40, 86.779, 326.259



28, 53.386, 354.794



26, 5.190, 323.515



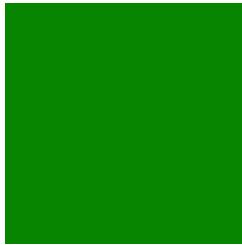
29, 70.305, 326.307



0, 1.236, 323.081

Previews

White Background



This preview shows how the CIELCh color 48, 73.540, 135.693 looks on a white background.

Color Contrast Check

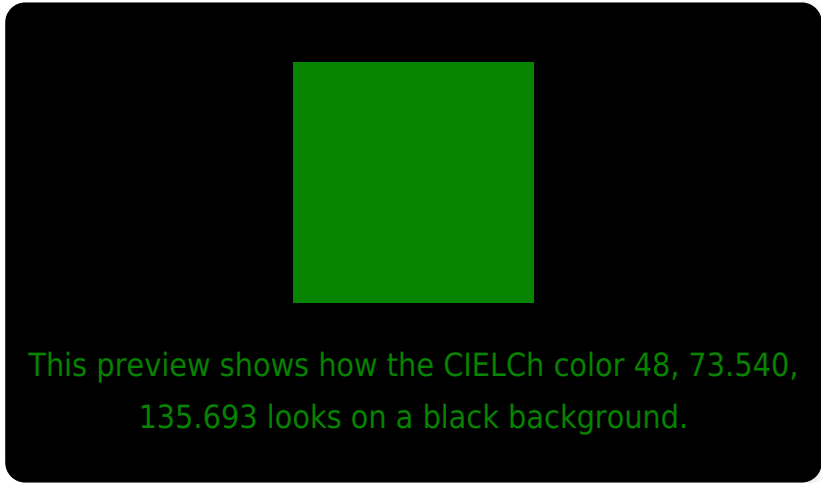
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 73.540, 135.693

Background



This preview shows how black text looks on a background with the CIELCh color 48, 73.540, 135.693.



This preview shows how white text looks on a background with the CIELCh color 48, 73.540, 135.693.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


48, 73.540, 135.693

Protanopia

48, 53.971, 95.537

Deuteranopia

48, 46.935, 82.485



Tritanopia
48, 21.866, 213.128

Trichromacy



Original Color
48, 73.540, 135.693

Protanomaly
46, 58.793, 119.627

Deuteranomaly
46, 51.921, 115.884

Tritanomaly
47, 39.682, 157.136

Monochromacy



Original Color
48, 73.540, 135.693

Achromatopsia
34, 0.005, 296.813

Achromatomaly
38, 34.857, 139.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 73.540, 135.693 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(7, 133, 0)` looks like.

```
.text, #text, p{  
    color:rgb(7, 133, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(7, 133, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 133, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 73.540, 135.693 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(7, 133, 0) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(7, 133, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(7, 133, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 133, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 133, 0); box-shadow:4px  
4px 4px 4px rgb(7, 133, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 73.540, 135.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 133, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(7, 133,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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